U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute fo	or form 1449/F	PTO		Complete if Known	
	INFORMATIO	ON DISCLO	SURE	Application Number	10/714,643	MIN
	STATEMENT	BY APPLI	CANT	Filing Date	11/18/2003	8
	Date Submitted: July 30, 2008			First Named Inventor	Peter A. CROOKS	JUL 3 1 2000
				Art Unit	1617	3 1 2008
	(use as many s	heets as ne	cessary)	Examiner Name	Yong Soo CHONG	13
Sheet	1	of	2	Attorney Docket Number	069962-0102	Tan Si

Cite	Decument Number				
	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Vo. <sup>1</sup>	Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document		
·		FOREIGN PATENT D	OCUMENTS		
Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
					-
	4 -	Foreign Patent Document Country Code 3-Number 4-Kind	FOREIGN PATENT Document  o.1 Country Code 3-Number 4-Kind Publication Date  MM-DD-YYYY	FOREIGN PATENT DOCUMENTS  Site Foreign Patent Document Publication Date Country Code Number Kind Publication Date Applicant of Cited Documents	FOREIGN PATENT DOCUMENTS  Tite Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Publication Date MM-DD-YYYY Applicant of Cited Documents Passages or Relevant Passages or R

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	C1	Cohen ML. Trevor AJ., On the cerebral accumulation of ketamine and the relationship between metabolism of drug and its pharmacological effects, J Pharmacol Exp Ther, 1974, pp. 351-8, vol. 189.	
	C2	Cohen ML., Chan, SL., Way WL., Trevor AJ, Distribution in the brain and metabolism of ketamine in the rat after intravenous administration, Anesthesiology, 1973, pp. 370-376, vol. 39, no. 4.	
	C3	Hustveit O., Maurset A., Oye L., Interaction of chirial forms of ketamine with opioid, phencyclidine, sigma and muscarinic receptors, Pharmarol Toxical, 1995, pp. 355-9, vol. 77.	
	C4	Malinovsky, JM., Cozian SA., Lapage JY., Pinaud M., Ketamine and norketamine plasma concentrations after IV and nasal and rectal administration in children, Brit J. Anesth., 1996, pp. 203-7, vol. 77.	
	C5	Marietta MP., Way WL., Castagnoli N., Trevor AJ., On the pharmacology of ketamine enantiothers in the rat, J. Pharmacol Exp Ther, 1977, pp. 157-65, vol. 202, no. 1.	
	C6	Ryder S., Way WL., Trevor AJ., Comparative pharmacology of the optical isomers of ketamine in mice, Eur J Pharmacol, 1978, pp. 15-23, vol. 49.	
	C7	Schuttler J., Zsigmond EK., White PF., Katamine and its isomers In White PF edition Textbook of Intravenous anesthesia, Baltimore: Williams and Wilkins, 1997, pp. 171-88.	
	C8	Vollenweider FX., Leenders KL., Qye L., Hell D., Angst J., Differential psychopathology and patterns of cerebral glucose utilization produced by S- and R-ketamine in healthy volunteers using positron emission tomography (PET), Eur Neuropharmacol, 1997, pp. 25-38, vol. 7.	
	C9	White PF., Ham J., Way WL., Trevor AJ., Pharamacology of ketamine isomers in surgical patterns, Anesthesiology, 1980, pp. 231-239, vol. 52.	
	C10	Arendt-Nielsen L., Nielsen J., Petersen-Felix S., Schnider TW., Zbinden AM., Effect of racemic mixture and the S(+)-isomer of ketamine on temporal and spatial summation of pain, Br J Anesth, 1996, pp. 652-31, vol. 77.	

Date	
Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for	form 1449/PTC	)	Complete if Known		
	INFORMATIO	N DISCLOSU	RE	Application Number	10/714,643	
	STATEMENT	<b>BY APPLICA</b>	NT	Filing Date	11/18/2003	
	Date Submitted: July 30, 2008			First Named Inventor	Peter A. CROOKS	
				Art Unit	1617	
	(use as many sh	eets as neces	ssary)	Examiner Name	Yong Soo CHONG	
Sheet	2	of 2		Attorney Docket Number	069962-0102	

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the article (when ap						
	C11	Singelyn et al., "Postoperative Analgesia After Total Hip Arthroplasty: IV PCA with Morphine, Patient-Controlled Epidural Analgesia, or Continuous "3-in-1" Block?: A Prospective Evaluation by Our Acute Pain Service in More than 1,300 Patients." Journal of Clinical Anesthesia, 1999, Vol. 11, pages 550-554.					
	C12	Paronis et al., "Development of tolerance to the analgesic activity of mu agonists after continuous infusion of morphine, meperidine or fentanyl in rats." Pharmacology, July 1992, Vol. 262, issue 1, pages 1-9.					

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.